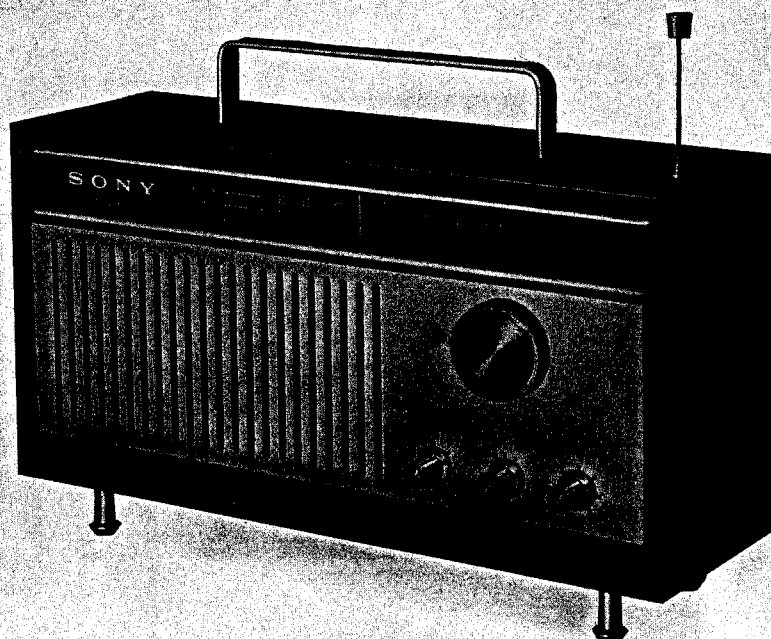


al NO. 74,001 and after

TR-835

No. 2

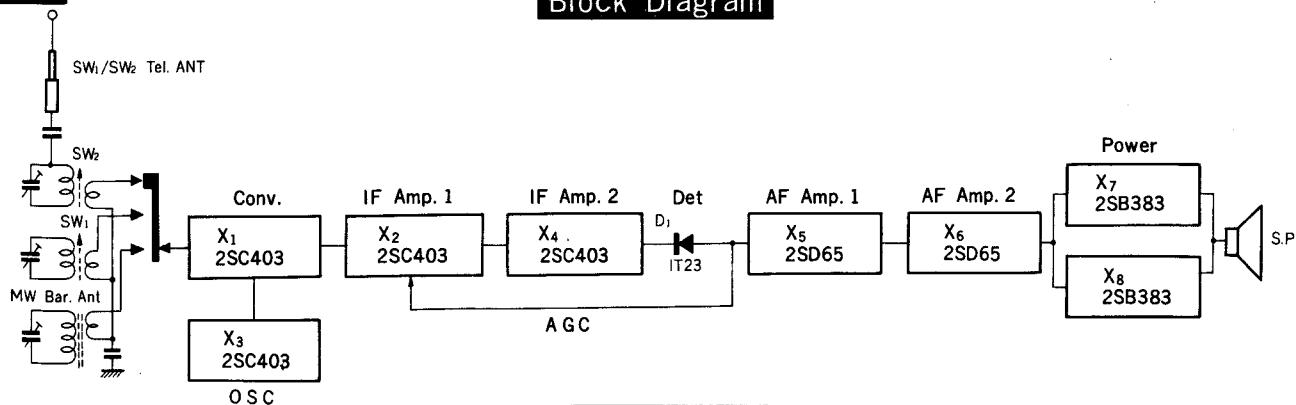


Specifications

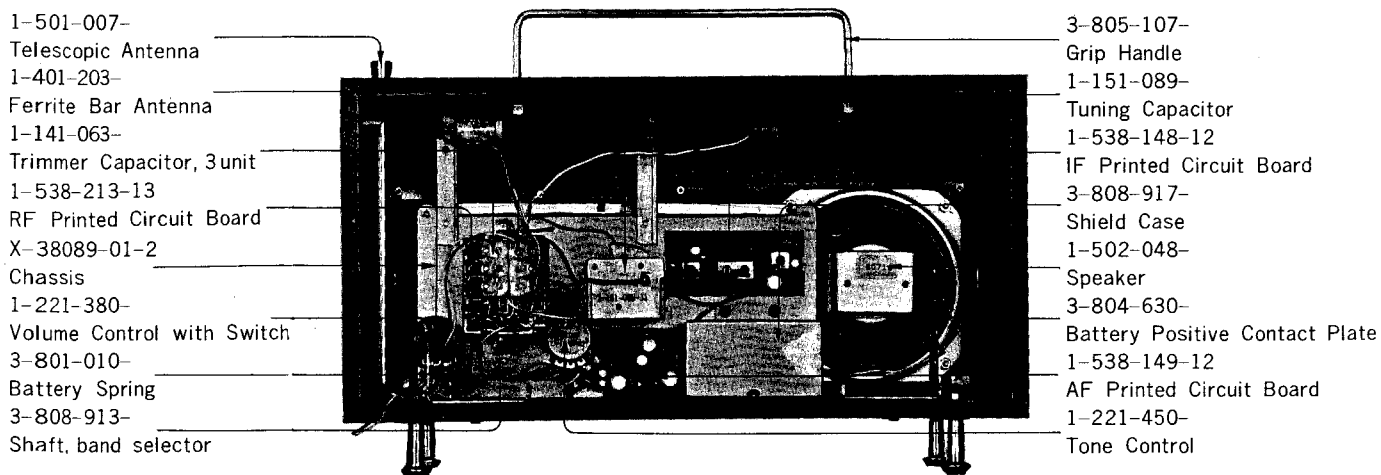
Circuit:	8 Transistor Superheterodyne
Frequency Coverage:	MW 530~1,605 Kc (566~187 m) SW ₁ 2~6 Mc (150~50 m) SW ₂ 6~18 Mc (50~16.7 m)
Antenna System:	MW Built-in Ferrite Bar Antenna SW ₁ /SW ₂ Built-in Telescopic Antenna
Intermediate Frequency:	455 Kc
Maximum Sensitivity: (at 50 mW output)	MW 32 μ V/m SW ₁ 3.2 μ V SW ₂ 3.2 μ V
Selectivity:	34 dB at 10 Kc off resonance, at 1,400 Kc
Power Output:	500 mW (undistorted) 600 mW (maximum)
Current Drain:	16 mA at zero signal, 180 mA at 500 mW output
Speaker:	4" (10 cm) PM dynamic, 8 Ω
Power Source:	Four size "D" Flashlight Batteries, 6 V in total
Dimensions:	13 $\frac{3}{8}$ " (W) $\times$ 9 $\frac{1}{4}$ " (H) $\times$ 4 $\frac{3}{4}$ " (D) " (340 $\times$ 237 $\times$ 122 mm)
Weight:	4 lbs. 10 oz. (2.1 Kgs.)

SONY®
SERVICE MANUAL

Block Diagram



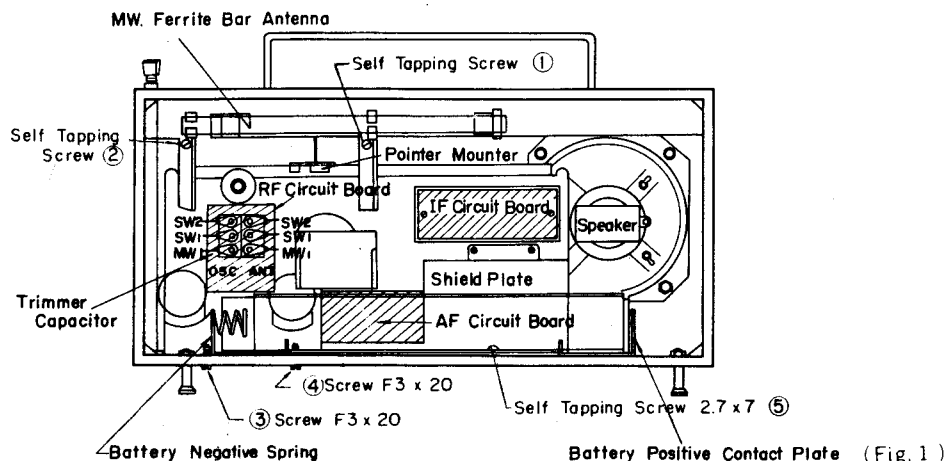
Interior View



Removal of Chassis

- (1) Remove the Tuning Knob, Volum Control Knob, Band Switch Knob and Tone Control Knob by pulling straight out.
- (2) Open the Back Cover.
- (3) Take out the Battery Cylinder together with the Batteries.
- (4) Remove the Dial Cord from the pointer Holder.
- (5) Remove the pointer from the chassis.
- (6) Remove the five Screws. (① to ⑤ in Fig-1)
- (7) Unsolder the following wires.
 - a) White wire at Telescopic Antenna Terminal.
 - b) Two wires (a white and a black) at the speaker terminals.
 - c) Red wire at volume Control knob Coming from the Battery.

Positive Contact Plate.



Complete Spare Parts List for TR-835

March '67

<u>Parts No.</u>	<u>Description</u>	<u>Q'ty</u>	<u>Unit Price</u>
			US\$
A. <u>Cabinet and Appearance Item</u>			
	Complete Cabinet Assembly -----	1	6.20
3-808-901-	Cabinet Main Body -----	(1)	2.30
902-	Front Panel -----	(1)	0.56
903-	Dust-Proof Net on Cabinet Front -----	(1)	0.06
904-	Dial Indicating Plate -----	(1)	0.37
905-	Ornamental Strip (lower) -----	(1)	0.12
906-	" " (upper) -----	(1)	0.11
919-	Bracket for Telescopic Antenna -----	(1)	0.02
922-01	Screw 3 x 40 (for Cabinet Legs) -----	(4)	0.01
0-039-867-	Clamp for Antenna Wire -----	(1)	0.01
3-808-622-	Washer for Cabinet Leg -----	(4)	0.01
264-	Speaker Mounting Screw -----	(4)	0.74(per 100 pcs.)
3-805-107-	Grip Handle -----	(1)	0.22
123-	Cabinet Leg -----	(4)	0.07
124-	Felt Cushion for Leg -----	(4)	0.01
1-501-007-	Telescopic Antenna -----	(1)	0.59
7-621-311-	Screw F 3 x 12 (for Telescopic Antenna) -----	(1)	0.31(per 100 pcs.)
840-72	Wood Screw (for Ornamental Strip) -----	(3)	0.24
850-82	" " (" ") -----	(5)	0.24(per 100 pcs.)
7-622-108-01	Nut 3/8 (for Leg) -----	(4)	0.30 " "
112-02	" 5/8 (for Grip Handle) -----	(2)	0.65 " "
7-623-108-11	Washer 3/8 (for Leg) -----	(4)	0.08 " "
112-11	" 5/8 (for Grip Handle) -----	(2)	0.25 " "
905-	Fiber Washer -----	(5)	0.20 " "
3-808-912-	Back Plate, Dial (Blue) -----	(1)	0.04 " "
3-808-907-	Back Cover (Hard Board) -----	(1)	0.13
908-	Specification Label -----	(1)	0.01
3-805-117-	Knobs, Volume, Tone and Band Selector -----	(3)	0.07
118-	Knob, Dial -----	(1)	0.11
B. <u>Mechanical Parts</u>			
X-38089-01-2	Chassis -----	1	0.28
02-2A	Pointer Assembly -----	1	0.09
03-1	Dial Shaft Assembly -----	1	0.11

<u>Parts No.</u>	<u>Description</u>	<u>Q'ty</u>	<u>Unit Price</u> US\$
3-808-913-	Shaft for Band Selector -----	1	0.17
-914-	Rod for Band Selector -----	1	0.03
-920-	Lever for Band Selector -----	1	0.02
-916-	Screw for Band Selector Rod -----	2	0.01
-917-	Shield Case for AF Block -----	1	0.07
-923-	Dust-Proof Net on Back Board -----	2	0.01
0-214-123-	Rubber Cushion for Tuning Capacitor -----	3	0.01
0-029-518-	Dial Drum -----	1	0.10
-531-	Screw for Tuning Capacitor -----	3	0.01
3-801-216-	Dial Pulley (Polyethylene) -----	2	0.01
-427-	Heat Sink for Power Transistor -----	2	0.06
3-811-447-	Bar Antenna Holder -----	2	0.02
3-802-520-	Spring for Dial String -----	1	0.02
-929-	Name Plate -----	1	0.01
3-804-630-	Battery Positive Contact Plate -----	1	0.04
-631-	Battery Negative Contact Plate -----	1	0.04
3-801-010-	Battery Spring -----	1	0.02
3-811-026-	Nut for Dial Shaft -----	1	0.02
3-808-246-	Bakelite Spacer for AF Board Mount -----	2	0.01
-252-	Bakelite Spacer for AF Shiled Case -----	1	0.01
-259-	Caution Lable -----	1	0.01
-921-	Polyethlene Spacer for Knobs -----	3	0.01
0-029-541-	Celluloid Plate (ANT) -----	1	0.01
3-801-639-	" " (E) -----	1	0.01

C. Screws & Washers

7-621-309-22	Screw F 2.6 x 4 -----	2	0.18(by 100 pcs.)
	(for IF Block Mount)		
-311-72	Screw F 3 x 12 -----	4	0.31(" ")
	(for Positive Contact Plate(2), Negative Contact Plate(2))		
-312-22	Screw F 3 x 20 -----	2	0.43(" ")
	(for Chassis Mount)		
-309-52	Screw F 2.6 x 8 -----	2	0.18(" ")
	(for AF Block Mount)		
-842-21	Wood Screw 2.7 x 7 -----		0.57(" ")
	(for AF Shield Case(1))		
-168-49	Screw + R 4 x 6 (Polycarbonate) -----	2	0.36(" ")
	(for AF Shield Case)		
-843-11	Wood Screw 3.1 x 7 (for chassise(2)) -----	2	0.48(" ")
7-622-108-01	Nut 3/8 (for Speaker(4)) -----	4	0.30(" ")
7-623-108-21	Washer 3/8 (Large) (for Chassis(2), Battery Contact Plate(4)) -----	6	0.15(" ")

<u>Parts No.</u>	<u>Description</u>	<u>Q'ty</u>	<u>Unit Price</u>
			US\$
7-623-110-21	Washer 4/8 (for Tuning Capacitor) -----	3	0.17(per 100)
-108-11	Washer 3/8 (Mediam) -----	4	0.08(")
	(for Speaker(4))		
-408-01	Star Washer 3/8 -----	4	0.19(")
	(for Speaker)		
7-624-104-01	Retaining Ring E-2 -----	2	0.36(")
	(for Dial Pulley)		
7-623-634-01	Eyelet 3 x 6 -----	4	0.08(")
	(for Bar Antenna Holder)		
-616-01	Eyelet 2 x 3 -----	5	0.06(")
	(for IF Block(4), Dial String(1))		

D. Electrical Parts

Main Block

1-151-089-	Tuning Capacitor, 2 gang -----	1	0.51
1-221-380-	Volume Control with Switch -----	1	0.20
-450-	Tone Control -----	1	0.14
1-401-203-	Ferrite Bar Antenna -----	1	0.35
1-502-048-	Speaker -----	1	0.67

RF Block

1-538-213-13-C	Printed Circuit Board for RF Block -----	1	0.07
1-401-204-	SW1 Antenna Coil -----	1	0.15
-205-	SW2 Antenna Coil -----	1	0.15
1-405-122-	MW Oscillator Coil -----	1	0.13
-123-	SW1 Oscillator Coil -----	1	0.15
-124-	SW2 Oscillator Coil -----	1	0.14
1-141-063-	Trimmer Capacitor, 3 unit -----	2	0.11
1-513-229-	Slide Switch -----	1	0.34

IF Block

1-538-148-12A	Printed Circuit Board for IF Block -----	1	0.05
1-403-034-	IF Transformer IFT-1 -----	1	0.12
-101-	IF " IFT-2 (Double Tuned) -----	1	0.26
-036-	IF " IFT-3 -----	1	0.12

AF Block

1-538-149-12	Printed Circuit Board for AF Block -----	1	0.08
1-423-064-	Driver Transformer -----	1	0.17

<u>Parts No.</u>	<u>Description</u>	<u>Q'ty</u>	<u>Unit Price</u>
1-427-116-	Output Transformer -----	1	0.20

Semiconductors

RF Block

Transistor	X1	(2SA70) -----	1	0.34
"	X2	(2SA122) -----	1	0.26

IF Block

Transistor	X3,4	(2SC76) -----	2	0.17
Diode	D1,2	(1T23G) -----	2	0.06

AF Block

Transistor	X5	(2SD64) -----	1	0.16
"	X6	(2SD65) -----	1	0.16
"	X7,8	(2SB383) -----	2	0.25
8-691-002-	Thermistor	Th (CS-47) -----	1	0.05

Resistors (Carbon)

RF Block

1-203-358-	220 ohms	+5%	1/8 Watt	R30,34,35 -----	3	0.02
-361-	470 "	"	"	R29 -----	1	0.02
-367-	1K "	"	"	R31 -----	1	0.02
-370-	2.2K "	"	"	R1,3,4 -----	3	0.02
-373-	3.3K "	"	"	R33 -----	1	0.02
-376-	4.7K "	"	"	R32 -----	1	0.02
-385-	15K "	"	"	R2 -----	1	0.02

IF Block

1-203-009-	62 ohms	+5%	1/4 Watt	R11 -----	1	0.02
-011-	100 "	"	"	R13 -----	1	0.02
-018-	220 "	"	"	R12 -----	1	0.02
-026-	470 "	"	"	R6,14 -----	2	0.02
-058-	3.3K "	"	"	R8,10 -----	2	0.02
-065-	5.6K "	"	"	R7 -----	1	0.02
-083-	22K "	"	"	R9 -----	1	0.02

<u>Part No.</u>	<u>Description</u>	<u>Q'ty</u>	<u>Unit Price</u>
			US\$

1-203-097-	56K ohms $\pm 5\%$ 1/4 Watt)		
-098-	62K " " " ")		
-099-	68K " " " ")		
-122-	75K " " " ")		
-125-	82K " " " ")		
	R5 to be Adjusted		0.02

AF Block

1-203-584-	3 ohms $\pm 5\%$ 1/4 Watt	R27 -----	1	0.02
-001-	5.1 " " "	R24 -----	1	0.02
-127-	68 " " "	R25 -----	1	0.02
-014-	150 " " "	R28 -----	1	0.02
-018-	220 " " "	R23 -----	1	0.02
-027-	560 " " "	R20 -----	1	0.02
-031-	1K " " "	R19 -----	1	0.02
-049-	2.2K " " "	R26 -----	1	0.02
-044-	2K " " "	R18 -----	1	0.02
-058-	3.3K " " "	R22 -----	1	0.02
-062-	4.3K " " "	R17 -----	1	0.02
-067-	6.8K " " "	R21 -----	1	0.02
-075-	15K " " "	R16 -----	1	0.02

Capacitor

RF Block

Cermic Capacitor

1-101-147-	50PF $\pm 20\%$ 50V	C6 -----	1	0.02
-431-	600PF " "	C32 -----	1	0.02
-058-	0.005uF " "	C31 -----	1	0.02
-073-	0.02uF ± 80 "	C4,5,7,33,		
	-20	34 -----	5	0.02
-492-	0.02uF $\pm 20\%$ "	C30 -----	1	0.04
-012-	5PF $\pm 0.5PF$ "	C41 -----	1	0.01
-078-	10PF $\pm 20\%$ "	C36,38,40 -----	3	0.01
-460-	0.002uF $\pm 20\%$ "	C37 -----	1	0.02
-265-	12PF $\pm 20\%$ "	C39 -----	1	0.02

Styrol Capacitor

1-103-611-12	330PF $\pm 5\%$	C27 -----	1	0.03
-466-12	1,400PF " 50V	C28 -----	1	0.05
-379-12	4,500PF " "	C29 -----	1	0.06

<u>Part No.</u>	<u>Description</u>	<u>Q'ty</u>	<u>Unit Price</u>
			US\$

Electrolytic Capacitor

1-121-115-	100uF 6vv	C35 -----	1 0.06
------------	----------------	-----------	-------------

IF Block

Ceramic Capacitor

1-101-009-	1PF ± 0.5 PF 50V	C10 -----	1 0.02
-011-	3PF " "	C13 -----	1 0.02
-072-	0.01uF $\pm 80\%$ "	C15,16 -----	2 0.02
-073-	0.02uF " "	C9,11,12 -----	3 0.02

Electrolytic Capacitor

1-121-104-	10uF 6VV	C8 -----	1 0.04
-115-	100uF 6V	C14 -----	1 0.05

AF Block

Mylar Capacitor

1-105-841-	0.047uF $\pm 20\%$	C24 -----	1 0.04
------------	--------------------	-----------	-------------

MP Capacitor

1-113-118-	0.3uF $\pm 20\%$	C25 -----	1 0.11
------------	------------------	-----------	-------------

Electrolytic Capacitor

1-121-198-	0.5uF 10V	C19 -----	1 0.06
-104-	10uF 6V	C21 -----	1 0.04
-111-	1000uF 3V	C20,22 -----	2 0.05
-115-	100uF 6V	C18,23,26 -----	3 0.06
-175-	2uF 15V	C17 -----	1 0.04

Wire

P.V.C. Wire

7-612-044-00	Black -----	790 mm	0.01 per meter
-02	Red -----	690	0.01 "
-04	Yellow -----	285	0.01 "

<u>Part No.</u>	<u>Description</u>	<u>Q'ty</u>	<u>Unit Price</u>	<u>US\$</u>
7-612-044-06	Blue -----	120	0.01	per meter
-09	White -----	400	0.01	"
-045-00	20/0.18 Black -----	80	0.02	"
-043-30	16/0.12 Black -----	500	0.01	"
-35	" Green -----	150	0.01	"
-39	" White -----	505	0.01	"

Tinned Copper Wire

7-611-031-41	0.4 ~~6~~ in Diameter -----	259	0.01	"
--------------	------------------------------------	-----	------	---

Spaghetti Tube

7-632-109-09	3 ~~6~~ Clear -----	50	0.02	"
7-631-101-04	0.6 ~~6~~ Yellow -----	166	0.04	"

Dial String

7-633-120-32	0.3 ~~6~~ -----	850	0.02	"
--------------	------------------------	-----	------	---

E. Accessory

X-44900-02-1	Polishing Cloth -----	1	0.02	
3-995-249-	Owners Instruction Manual -----	1	0.05	
1-528-001-	Battery Size "D" -----	4	0.07	
3-802-628-	Polyethylene Bag -----	1	0.05	
3-998-001-	Battery Cylinder -----	1	0.07	
3-808-924-	Carton Box -----	1	0.52	
-925-	Styro-foam Cushion -----	2	0.16	

Complete Spare Parts List for TR-835

(Serial No. 74001 and after)

May, 1968

Part No. Description

A. Cabinet & Appearance Items

Y-38089-52-1	Complete Cabinet, including -----
X-38089-04	Cabinet Ass'y -----
3-808-907	Cover, cabinet -----
-908	Label, specification -----
-246	Spacer C -----

* * * *

3-805-117	Knobs; volume, tone and band selector -----
-118	Knob, tuning -----
X-38089-02	Pointer Ass'y -----

B. Mechanical Parts

X-38089-01	Chassis Ass'y -----
-03	Dial Shaft Ass'y -----
0-029-518	Dial Drum -----
-531	Set Screw -----
-541	Direction Plate, ant. lead -----
0-214-123	Cushion for Tuning Capacitor -----
3-801-010	Battery Spring -----
-216	Pulley 6 -----
-427	Cylinder, heat sink -----
-639	Direction Plate, earth lead -----
3-802-520	Spring, drum -----
3-804-630	Contact Plate, battery positive -----
-631	" " " negative -----
3-808-913	Shaft for Band Selector -----
-914	Rod for Band Selector -----
-916	Screw for Band Selector Rod -----
-917	Shield Plate -----
-920	Lever for Band Selector -----

<u>Part No.</u>	<u>Description</u>
3-808-921	Washer -----
-923	Dust-proof Net on Back Board -----
3-811-026	Nut for Dial Shaft -----
-447	Bar Antenna Holder -----
3-808-246	Bakelite Spacer for AF Board Mount -----
-252	Bakelite Spacer for AF Shield Case -----
-259	Caution Label -----

C. Electrical Parts

1-401-203	Ferrite Bar Antenna -----
1-502-048	Speaker -----
1-501-007	Telescopic Antenna -----
1-513-229	Band Switch (S1) -----
1-538-366-12	Printed Circuit Board, RF -----
-354-13	" " " , IF -----
-149-12	" " " , AF -----

Coil and Transformer

1-401-204	Coil, SW1 antenna (L2) -----
-205	Coil, SW2 " (L3) -----
1-405-261	Coil, MW OSC (L4) -----
-262	Coil, SW1 OSC (L5) -----
-263	Coil, SW2 OSC (L6) -----
1-403-034	Transformer, IF (IFT1) -----
-036	" , IF (IFT3) -----
-101	" , IF (IFT2) -----
1-423-064	" , driver (T1) -----
1-427-116	" , output (T2) -----

Variable Capacitor

1-141-063	Trimmer Capacitor, 3 units (C3-1 - 3, C4-1 - 3) ---
1-151-089	Tuning Capacitor (C1-1 - 2) -----

Potentiometer

1-221-380	Volume Control -----
-450	Tone Control -----

Part No.DescriptionSemiconductor

	Transistor	2SC-403A	X1,2,3,4	-----
	"	2SC6337	X5	-----
	"	2SC6336	X6	-----
	"	2SB383	X7,8	-----
	Diode	1T23	D1,2	-----
8-691-002	Thermistor	CS-47	Th	-----

Carbon Resistor (RD1/8US, $\pm 5\%$)

1-240-425	R209	10 ohms	-----
-429	R207	15 "	-----
-443	R208	56 "	-----
-449	R206	100 "	-----
-457	R211	220 "	-----
-465	R205,210,304,308	470 "	-----
-471	R301	820 "	-----
-473	R212	1K "	-----
-481	R203	2.2K "	-----
-485	R213	3.3K "	-----
-487	R214	3.9K "	-----
-491	R305	5.6K "	-----
-497	R307	10K "	-----
-501	R302	15K "	-----
-505	R201	22K "	-----
-510	R202	36k "	-----
1-244-461	R204	330 "	($\pm 10\%$) -----
-465	R309	470 "	(RD1/8SR, $\pm 10\%$) ---
-505		22K "	-----
-506		24K "	-----
-507	R303 (Adjust)	27K "	(RD1/8SR, $\pm 5\%$) -----
-508		30K "	-----
-509		33K "	-----
1-203-584	R415	3 "	(RD1, $\pm 5\%$) -----
-001	R411	5.1 "	(") -----
-127	R412	68 "	(") -----
-014	R413	150 "	(") -----
-018	R310,410	220 "	(") -----
-027	R407	560 "	(") -----
-031	R406	1K "	(") -----
-044	R405	2K "	(") -----
-049	R414	2.2K "	(") -----

<u>Part No.</u>	<u>Description</u>				
1-203-058	R409	3.3K	ohms	(RD $\frac{1}{2}$ L, $\pm 5\%$)	-----
-062	R403	4.3K	"	(")	-----
-067	R408	6.8K	"	(")	-----
-104	R402	150K	"	(")	-----

Ceramic Capacitor

1-101-953	C204,303,305	3PF	± 0.5 PF	50WV	-----
-959	C201,211,215	10PF	$\pm 5\%$	"	-----
-961	C212	12PF	"	"	-----
-140	C207,213	0.005uF	($\pm 80\%$ -20%)	25WV	-----
-141	C214,303,305	0.01uF	"	"	-----
-142	C219,217	0.02uF	"	"	-----

Mylar Capacitor

1-105-823	C302	0.0015uF		50WV	-----
-825	C304,306	0.0022uF		"	-----
-841	C411	0.047uF	$\pm 20\%$	"	-----

Styrol Capacitor

1-103-276	C310	250PF	$\pm 5\%$	35WV	-----
-614	C208	360PF	"	"	-----
-629	C209,216	1500PF		50WV	-----
-639	C210	3900PF	$\pm 5\%$	"	-----

Aluminum Electrolytic Capacitor

1-121-291	C205,218	100uF		6WV	-----
-----------	----------	-------	--	-----	-------

Electrolytic Capacitor

1-121-175	C401	2uF	($\pm 100\%$ -0%)	15WV	-----
-198	C403	0.5uF	$\pm 20\%$	10WV	-----
-104	C405	10uF	($\pm 100\%$ -0%)	6WV	-----
-282	C301	"	"	12WV	-----
-111	C406,407	100uF	"	3WV	-----
-291	C402,408,410	"	"	6.3WV	-----
-295	C307	220uF	"	"	-----
-426	C412	470uF	"	16WV	-----

<u>Part No.</u>	<u>Description</u>
-----------------	--------------------

D. Screw & Washer (Min. Q'ty for Ordering: 100 pcs.)

Screw

7-621-168-49	R 4 x 6	(for AF Shield Plate) -----
-309-22	F 2.6 x 4	(for IF Block Mount) -----
-52	F 2.6 x 8	(for AF Block Mount) -----
-311-72	F 3 x 12	(for Positive Contact Plate, Negative Contact Plate) -----
-312-22	F 3 x 20	(for Chassis Mount) -----
-842-21	Wood Screw K 2.7 x 7	(for AF Shield Case) -----
-843-11	" " K 3.1 x 7	(for Chassis) -----

Nut

7-622-108-01	3ø (1 Type)	(for Speaker) -----
--------------	-------------	---------------------

Washer

7-623-108-11	3ø (middle)	(for Speaker) -----
-108-21	3ø (large)	(for Chassis, Battery Contact Plate) -
-110-21	4ø (large)	(for Variable Capacitor) -----
-408-01	Ext. Tooth 3ø	(for Speaker) -----

Retaining Ring

7-624-104-01	E-2 (E type)	(for Pulley) -----
--------------	--------------	--------------------

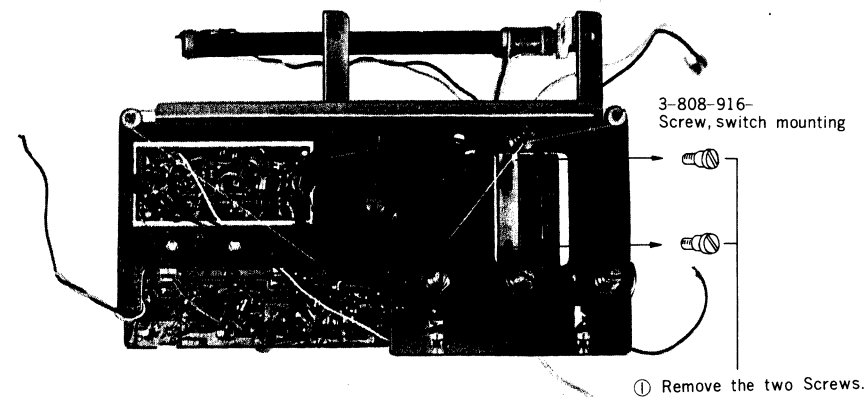
Eyelet

7-623-616-01	2 x 3	(for IF Block Mount, Dial String) ---
-634-01	3 x 6	(for Bar Antenna Holder) -----

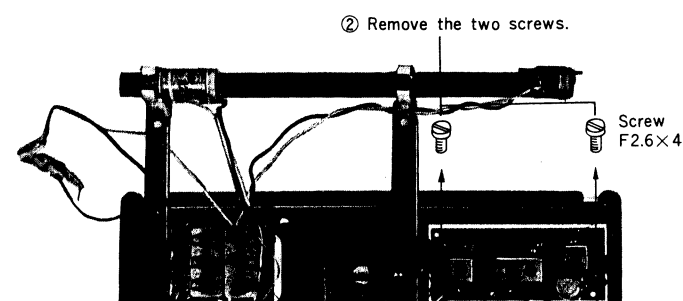
E. Attached Items

3-808-924	Master Carton -----
-925	Packing Carton -----
-926	Carton, battery -----
3-802-628	Polyethylene Bag -----
3-998-001	Battery Holder -----
3-995-249-00	Instruction Manual -----
3-998-901	Serial No. Label -----
X-44900-02	Polishing Cloth -----
1-528-001	Battery Size "D" -----

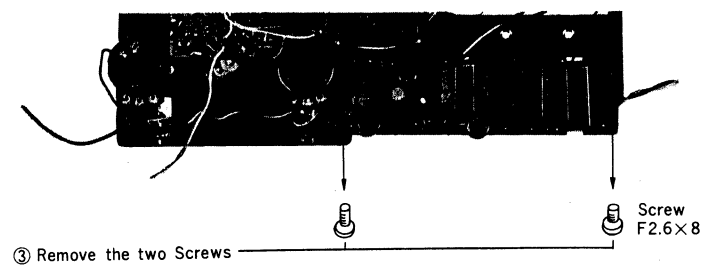
Removal of Coil Pack Circuit Board



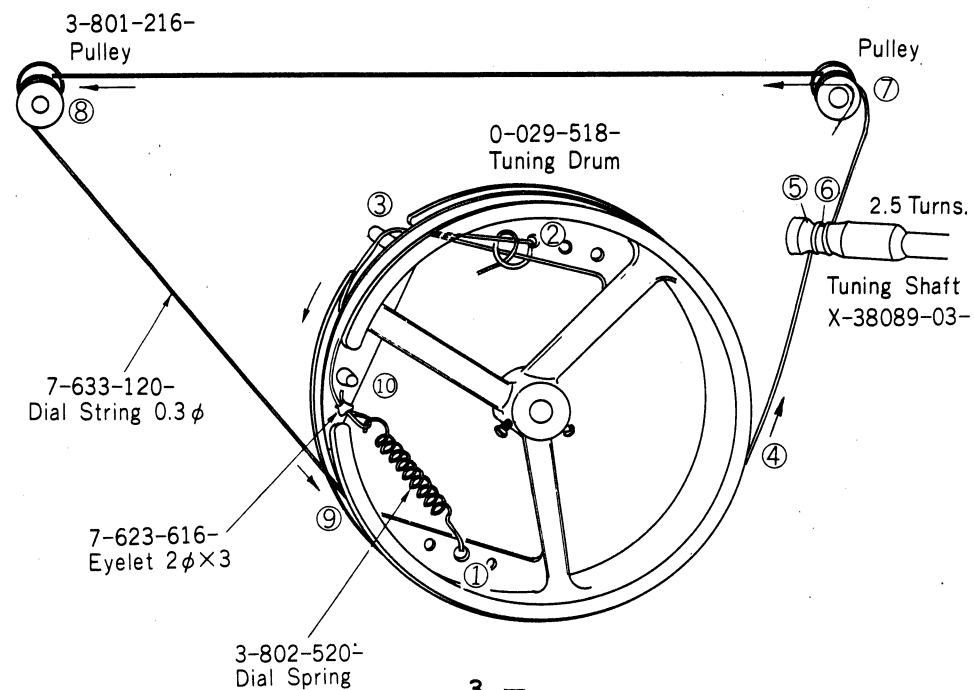
Removal of IF Circuit Board



Removal of AF Circuit Board



Dial Cord Stringing

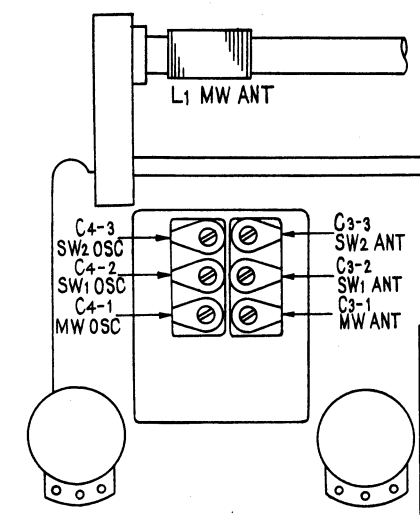
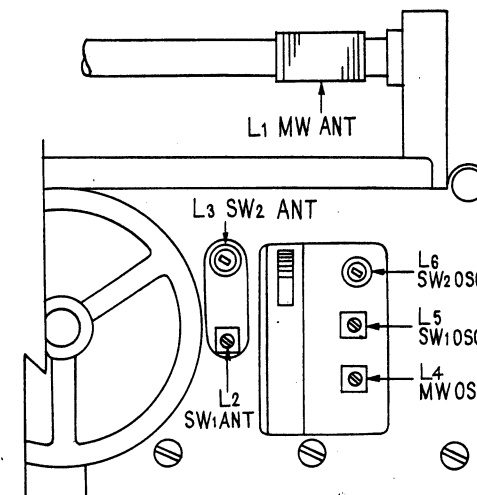


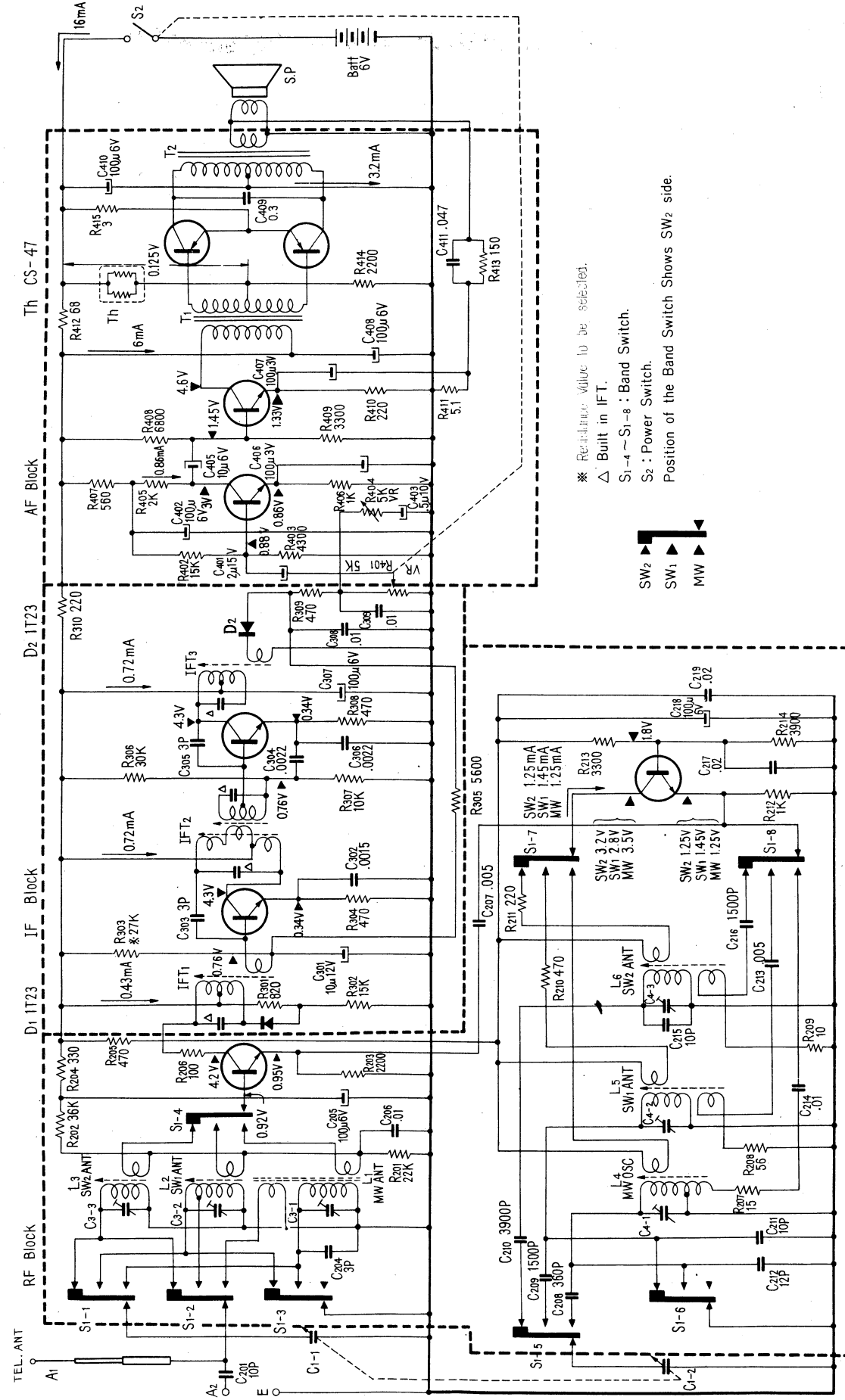
Adj. Item	SSG (Standard Signal Generator) Coupling	SSG Freq.	Receiver Dial Setting	Connect VTVM	Adjust	Remarks
MW Frequency Coverage	Loop Antenna	520 kc (1000 c/s 30% AM)	Fully Left	Across 8Ω Load Resistor	MW OSC Coil (L ₁)	Adjust for maximum meter reading.
		1,680 kc (")	Fully Right		MW OSC Trimmer (C ₄₋₁)	Volume: max. Tone: High Power Supply: DC 6V
MW Tracking	—ditto—	620 kc (")	Tune to 620 kc signal	—ditto—	MW ANT Coil (L ₁)	—ditto—
		1,400 kc (")	Tune to 1,400kc signal		MW ANT Trimmer (C ₃₋₁)	
SW ₁ Frequency Coverage	Dummy Antenna SSG 10 PF Rec	1.95 Mc (")	Fully Left	—ditto—	SW ₁ OSC Coil (L ₁)	—ditto—
		6.2 Mc (")	Fully Right		SW ₁ OSC Trimmer (C ₄₋₂)	
SW ₁ Tracking	—ditto—	1.95 Mc (")	Tune to 1.95 Mc signal	—ditto—	SW ₁ ANT Coil (L ₂)	—ditto—
		6.2 Mc (")	Tune to 6.2 Mc signal		SW ₁ ANT Trimmer (C ₃₋₂)	
SW ₂ Frequency Coverage	—ditto—	5.9 Mc (")	Fully Left	—ditto—	SW ₂ OSC Coil (L ₁)	—ditto—
		18.8 Mc (")	Fully Right		SW ₂ OSC Trimmer (C ₄₋₃)	
SW ₂ Tracking	—ditto—	5.9 Mc (")	Tune to 5.9 Mc signal	—ditto—	SW ₂ ANT Coil (L ₃)	—ditto—
		18.8 Mc (")	Tune to 18.8 Mc signal		SW ₂ ANT Trimmer (C ₃₋₃)	

* Dummy Antenna (SW₁/SW₂)

Unsolder the White Lead at the Antenna Terminal.

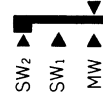
Connect the SSG to the White Lead at the Telescopic Antenna and ground of the receiver through the Dummy Antenna.



X₁2SC403 X₃2SC403 X₄2SC403 X₅2SD65 X₆2SD65 X₇,82SB383

* Resistance value to be selected.

△ Built in IFT.

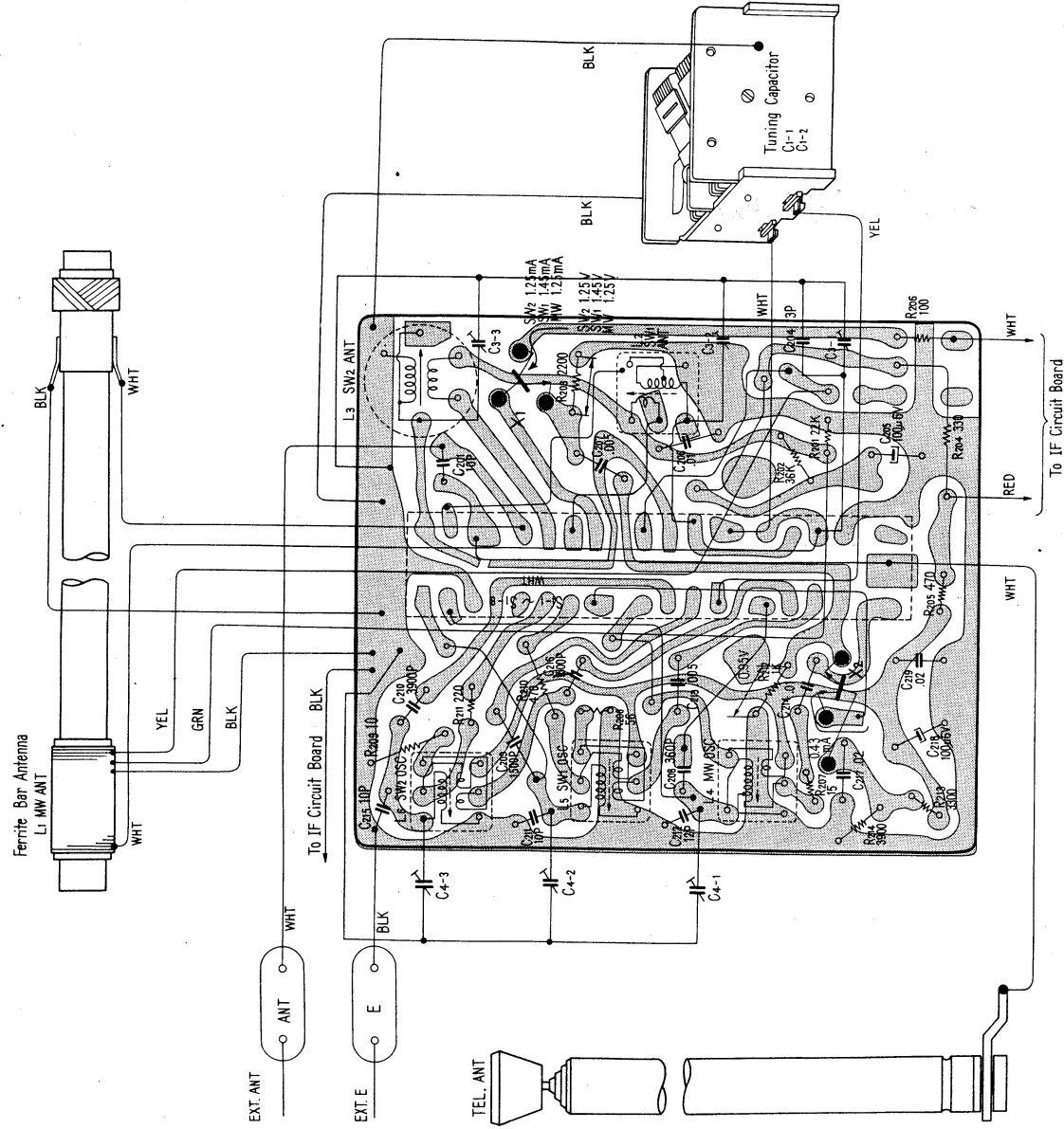
S₁-4 ~ S₁-8 : Band Switch.S₂ : Power Switch.Position of the Band Switch Shows SW₂ side.X₂2SC403

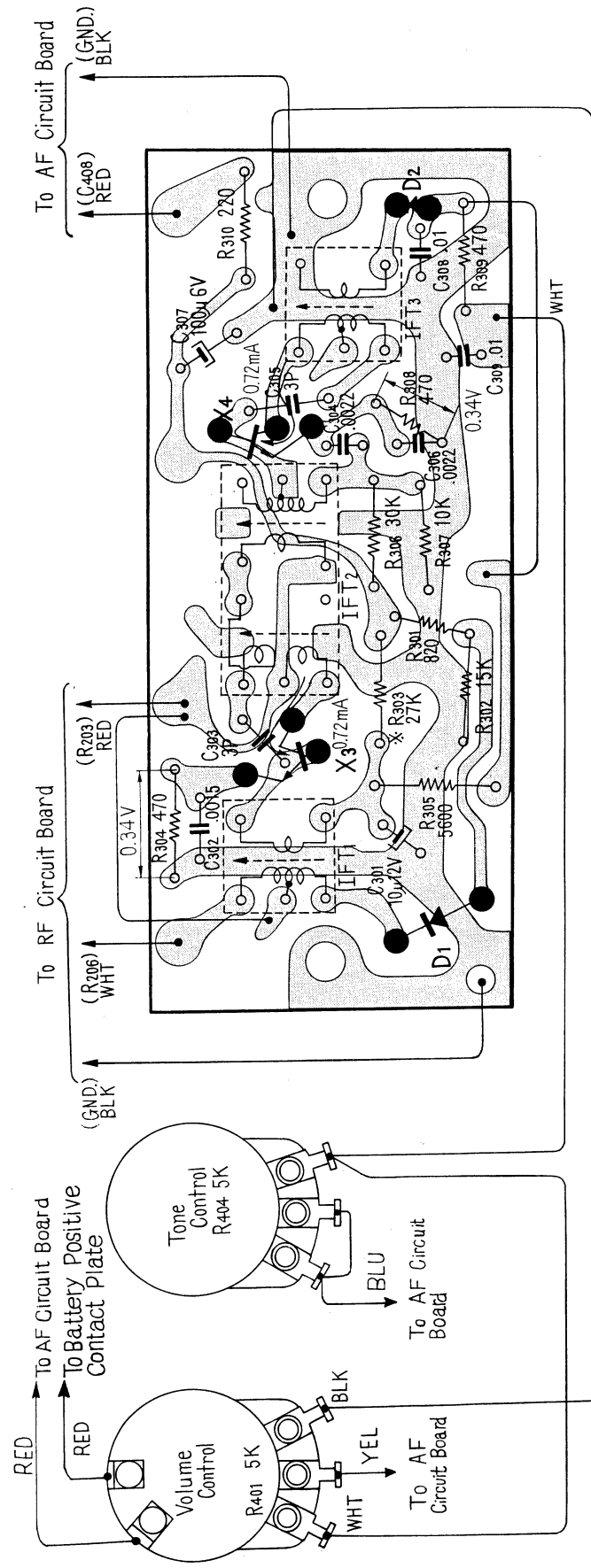
Mounting Diagram

Coil Pack Section

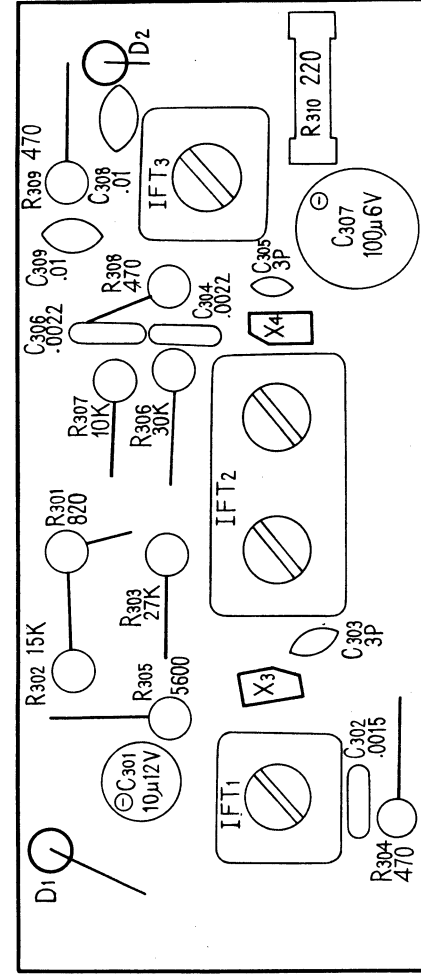
—Conductor Side—

—Component Side—





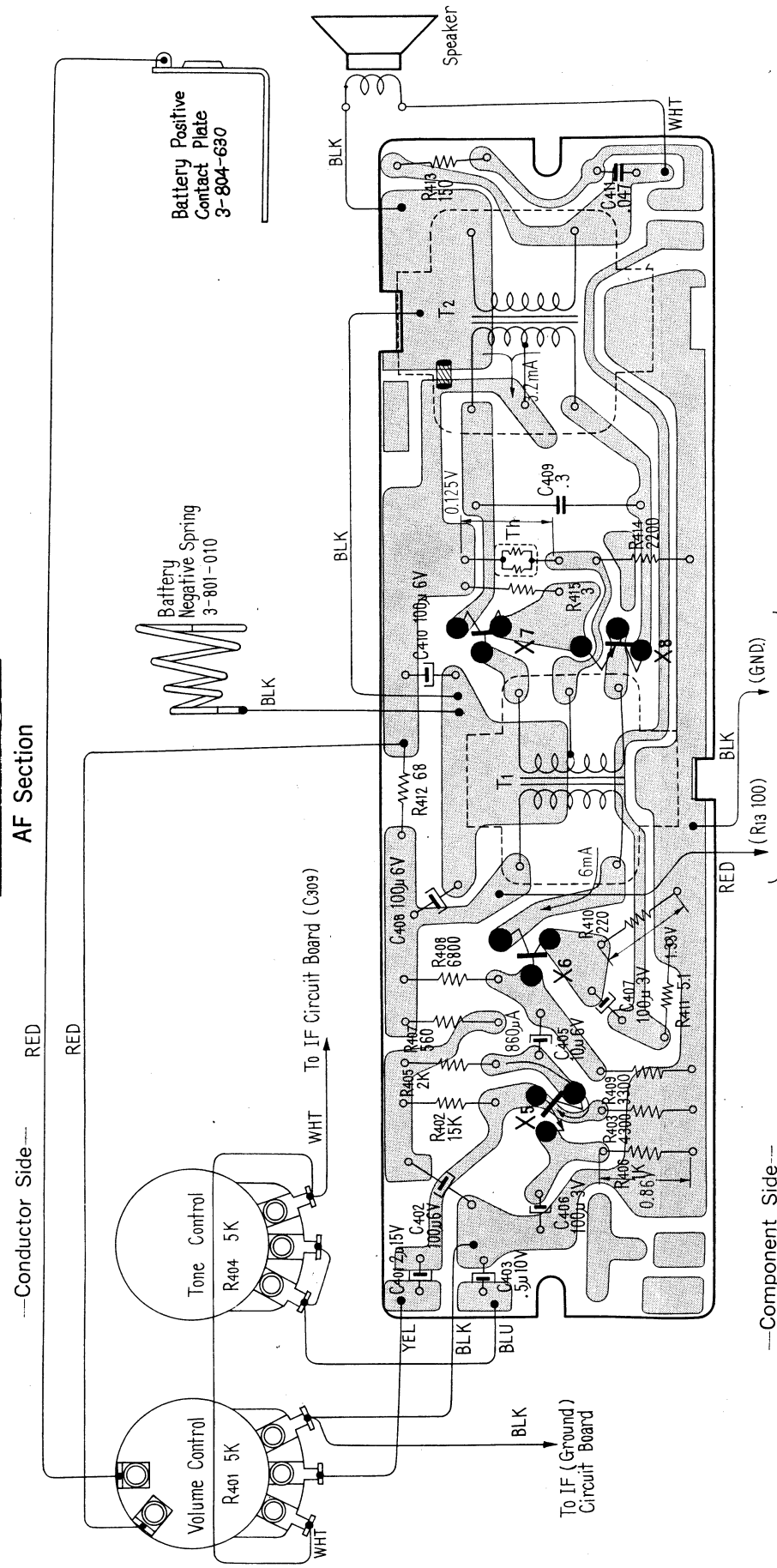
* Resistance Value to be selected



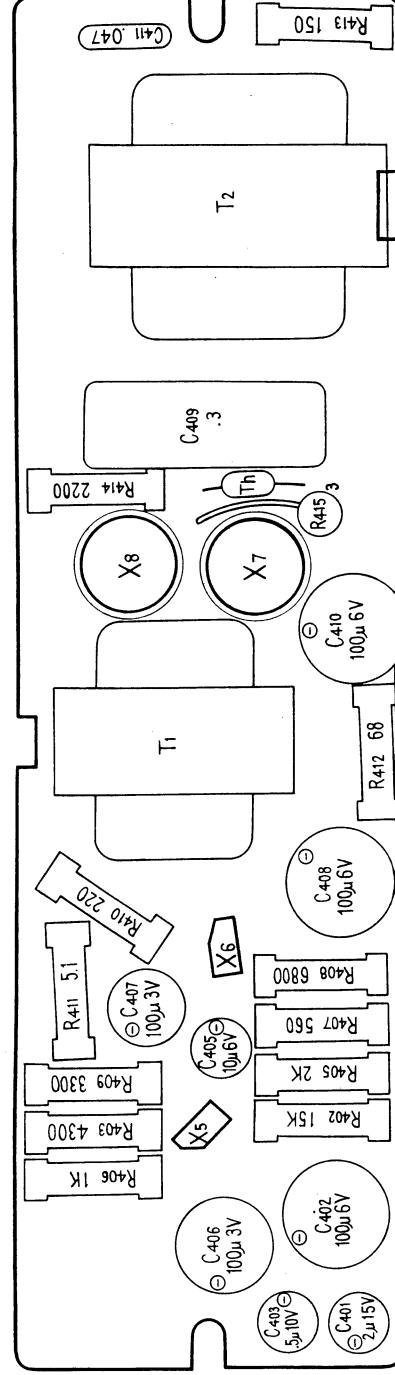
—Component Side—

TR-835 TR-835

Mounting Diagram

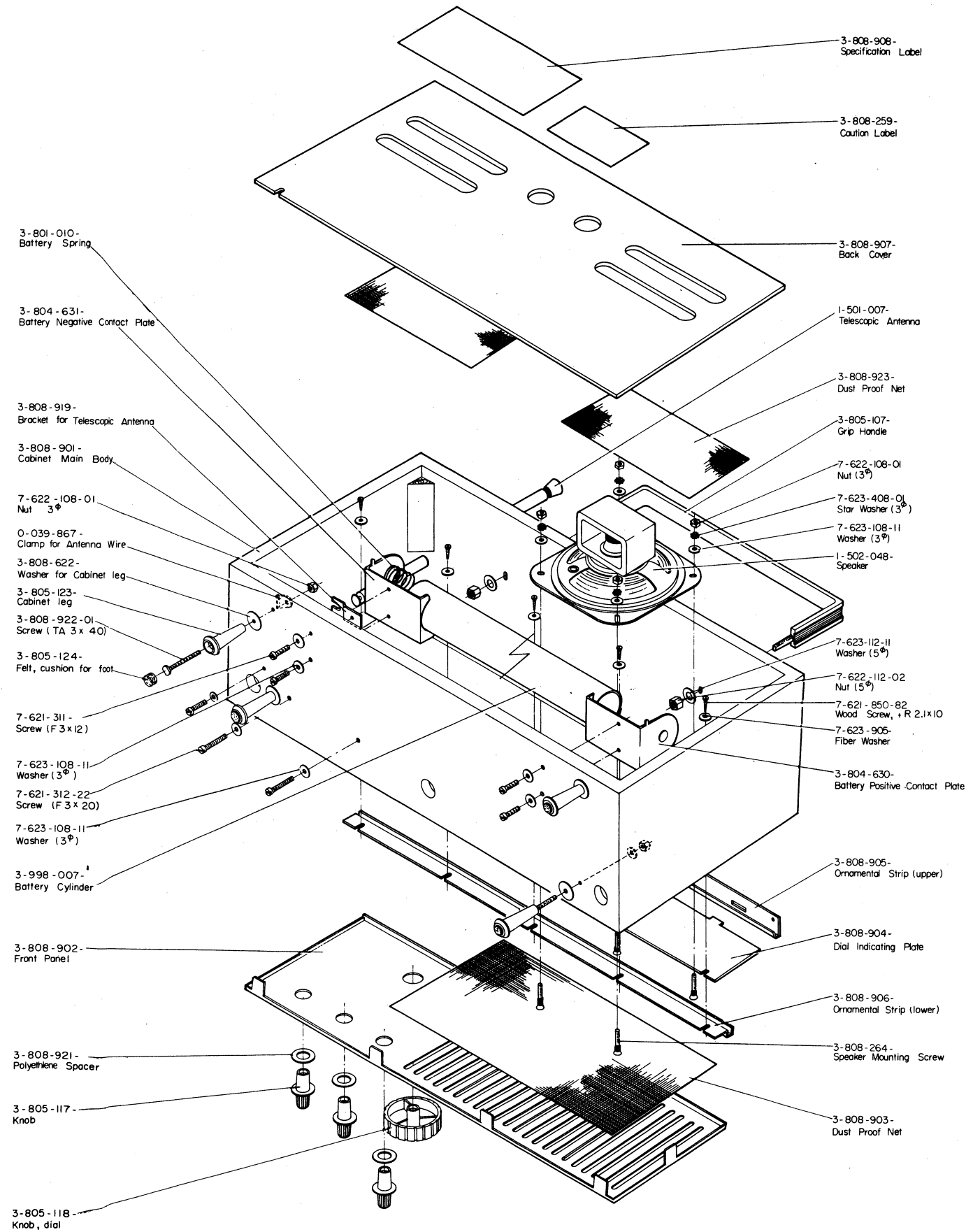


---Component Side---



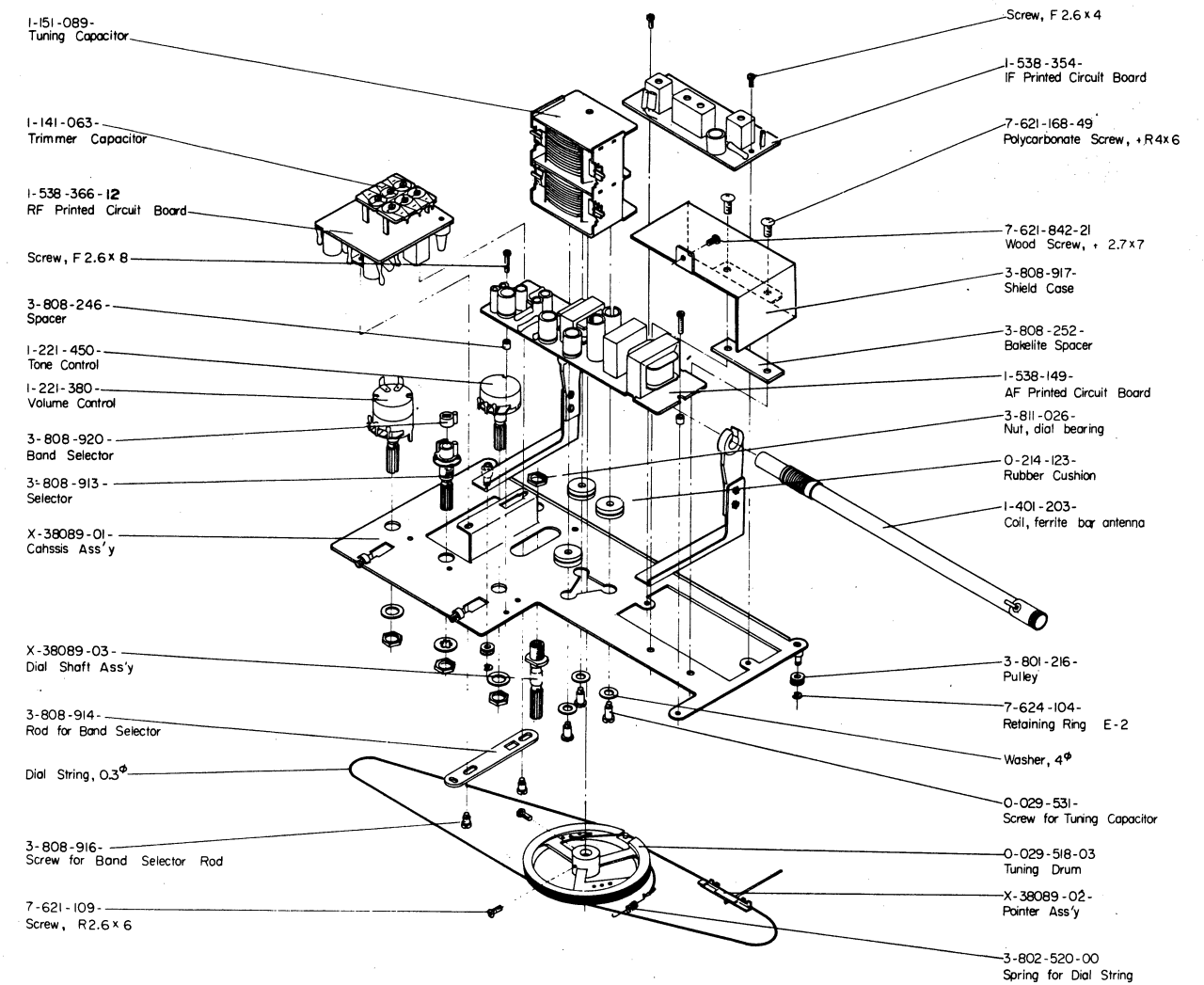
Exploded Diagram

—Cabinet—



Exploded Diagram

—Chassis—



SONY CORPORATION